

Patent Claims

1. Textile machine (1) with several spinning places, whereby each spinning place comprises a can feeding means (2), a spinning unit (3), and a winding up unit (4),
5 **characterized** in that the spinning unit (3) and/or the winding up unit (4) are modular structured and exchangeable.
2. Textile machine (1) according to claim 1, **characterized** in that the textile machine comprises a central machine control unit (5).
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3. Textile machine (1) according to claim 1 or 2, **characterized** in that each spinning place comprises a modular structured, exchangeable control unit (6).
4. Textile machine (1) according to one of the claims 1 to 3, **characterized** in that the
15 spinning unit (3) and/or the winding up unit (4) additionally comprise each an own control means (7,8).
5. Textile machine (1) according to one of the claims 1 to 4, **characterized** in that
20 each spinning place comprises a modular structured exchangeable robot (9) for piecing or for the start of the spinning.
6. Textile machine according to one of the claims 1 to 5, **characterized** in that the spinning unit (3) comprises a refinement unit (10), whereby the refinement unit (10) is preferably a drafting unit (10) or a opening roller.
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7. Textile machine (1) according to one of the claims 1 to 6, **characterized** in that the spinning unit (3) comprises a spinning box (11), which produces thread according to the air spinning method.
- 30 8. Textile machine (1) according to one of the claims 1 to 6, **characterized** in that the spinning unit (3) comprises a spinning box (11) which produces thread according

to one of the following methods: rotor spinning method, air spinning method, friction spinning method, false twist method.

- 5 9. Textile machine (1) according to one of the claims 1 to 8, **characterized** in that the spinning unit (3) is driven by its own motors (12) and for this comprises at least one own drive means (12), preferably a reluctance motor.
- 10 10. Textile machine according to one of the claims 1 to 9, **characterized** in that the winding up unit (4) is driven by its own motors (12) and for this comprises at least one own drive means (13), preferably a reluctance motor.
11. Spinning unit (3) for spinning frames (1), **characterized** in that the spinning unit (3) is modular structured and exchangeable.
- 15 12. Winding up unit (4) for spinning frames (1), **characterized** in that the winding up unit (4) is modular structured and exchangeable.
- 20 13. Spinning unit (3) or winding up unit (4) according to one of the claims 10 or 11, **characterized** in that the spinning unit (3) or the winding up unit (4) comprise an own control means (7, 8).
- 25 14. Spinning unit (3) according to one of the claims 11 or 13, **characterized** in that the spinning unit (3) comprises a refinement unit (10), whereby the refinement unit (10) is preferably a drafting unit (10) or a opening roller.
- 30 15. Spinning unit (3) according to one of the claims 11, 13, or 14, **characterized** in that the spinning unit (3) comprises a spinning box (11) which produces thread according to one of the following methods: air spinning method, rotor spinning method, friction spinning method, false twist method.

16. Spinning unit (3) according to one of the claims 11, or 13 to 14, **characterized** in that the spinning unit (3) is driven by its own motors (12) and for this comprises at least one own drive means (12), preferably a reluctance motor.